

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Electro-optical light modulation element comprising
 - a substrate or a plurality of substrates,
 - an electrode arrangement,
 - at least one element or a plurality of elements for polarisation of the light and
 - a modulation medium, wherein
 - the light modulation element is operated at a temperature at which the modulation medium is in the optically isotropic phase in the unaddressed state, and the modulation medium is in a blue phase at the operating temperature of the light modulation element in that
 - the mesogenic modulation medium (layer) has an average dielectric permittivity (ϵ_{AV}) of 60.8 or more
 - the electrode arrangement can generate an electric field having a significant component parallel to the surface of the modulation medium, and in that
 - the light modulation element includes a solid dielectric layer between the electrode arrangement and a mesogenic modulation layer, andwherein the optically isotropic phase is a polymer network system.

2. (Original) Light modulation element according to Claim 1, characterised in that
 - the solid dielectric layer consists of SiO_2 , SiO_X , silicon nitride or silicon carbide or the like.
3. (Previously Presented) Light modulation element according to Claim 1, characterised in that
 - the solid dielectric layer covers at least part of the electrode structure.
4. (Original) Light modulation element according to Claim 3, characterised in that
 - the solid dielectric layer essentially completely covers the corners and/or edges of the electrode structure.

5. (Original) Light modulation element according to Claim 3, characterised in that
 - the solid dielectric layer essentially completely covers the electrode structure.
6. (Previously Presented) Light modulation element according to Claim 3, characterised in that
 - the solid dielectric layer has a thickness of 90% or less of the layer thickness of the mesogenic modulation layer.
7. (Canceled)
8. (Previously Presented) Electro-optical display containing one or more light modulation elements according to Claim 1.
9. (Original) Electro-optical display according to Claim 8, characterised in that the display is addressed by means of an active matrix.
10. (Previously Presented) Electro-optical display system containing one or more electro-optical displays according to Claim 8.
11. (Original) Electro-optical display system according to Claim 10, characterised in that it is used or can be used as a television screen, as a computer monitor or as both.
12. (Previously Presented) Use of a light modulation element according to Claim 1 for the display of information.
13. (Previously Presented) Use of a light modulation element according to Claim 1 in an electro-optical display.
14. (Previously Presented) Use of an electro-optical display according to Claim 8 in an electro-optical display system.
15. (Previously Presented) Use of an electro-optical display system according to

Claim 10 for the display of video signals or digital signals.